

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/484,704**

DATE: 05/12/2000
TIME: 11:04:27

INPUT SET: S34679.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

ENTERED

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47 (D) TOPOLOGY: linear
48 (ii) MOLECULE TYPE: oligonucleotide
49
50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
51
52 ATATCAAGGA CTATAAACAT

20

55 (2) INFORMATION FOR SEQ ID NO:2:

56
57 (i) SEQUENCE CHARACTERISTICS:
58 (A) LENGTH: 21 base pairs
59 (B) TYPE: nucleic acid
60 (C) STRANDEDNESS: single
61 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

67 TTCTGGAGAT GTCCCGTAGG A

21

70 (2) INFORMATION FOR SEO ID NO: 3:

71
72 (i) SEQUENCE CHARACTERISTICS:
73 (A) LENGTH: 34 base pairs
74 (B) TYPE: nucleic acid
75 (C) STRANDEDNESS: single
76 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

80 (vi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

82 TACCTTCATT ATCAATTGGT GATGCAATAT ATGC

34

85 (2) INFORMATION FOR SEO ID NO:4:

86
87 (i) SEQUENCE CHARACTERISTICS:
88 (A) LENGTH: 31 base pairs
89 (B) TYPE: nucleic acid
90 (C) STRANDEDNESS: single
91 (D) TOPOLOGY: linear

93 (ii) MOLECULE TYPE: oligonucleotide

(iii) SEQUENCE DESCRIPTION: SEQ ID NO:4

97 TATTCCATCAA ACTTAATCAC TCAAGGGATGT G

31

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100 (2) INFORMATION FOR SEQ ID NO:5:
101
102 (i) SEQUENCE CHARACTERISTICS:
103 (A) LENGTH: 23 base pairs
104 (B) TYPE: nucleic acid
105 (C) STRANDEDNESS: single
106 (D) TOPOLOGY: linear
107 (ii) MOLECULE TYPE: oligonucleotide
108 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
109 TAAATTCAGA TATGTATCCT GAT 23
110
111
112 (2) INFORMATION FOR SEQ ID NO:6:
113
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 25 base pairs
116 (B) TYPE: nucleic acid
117 (C) STRANDEDNESS: single
118 (D) TOPOLOGY: linear
119
120 (ii) MOLECULE TYPE: oligonucleotide
121
122 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
123
124 ACCTATGACA TCAACGACAA CAGGA 25
125
126
127 (2) INFORMATION FOR SEQ ID NO:7:
128
129 (i) SEQUENCE CHARACTERISTICS:
130 (A) LENGTH: 35 base pairs
131 (B) TYPE: nucleic acid
132 (C) STRANDEDNESS: single
133 (D) TOPOLOGY: linear
134
135 (ii) MOLECULE TYPE: oligonucleotide
136
137 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
138
139 TGGCTAAAGA AAAGACAAGT TGTCAATGTC TTAAT 35
140
141
142 (2) INFORMATION FOR SEQ ID NO:8:
143
144 (i) SEQUENCE CHARACTERISTICS:
145 (A) LENGTH: 26 base pairs
146 (B) TYPE: nucleic acid
147 (C) STRANDEDNESS: single
148 (D) TOPOLOGY: linear
149
150 (ii) MOLECULE TYPE: oligonucleotide
151
152 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

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153
154 GAGACTATTG CAATAACTCA AAATTA 26
155
156
157 (2) INFORMATION FOR SEQ ID NO:9:
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH: 20 base pairs
160 (B) TYPE: nucleic acid
161 (C) STRANDEDNESS: single
162 (D) TOPOLOGY: linear
163 (ii) MOLECULE TYPE: oligonucleotide
164 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
165 CCTATGTTGT TCAAGACAAG 20
166
167
168 (2) INFORMATION FOR SEQ ID NO:10:
169
170 (i) SEQUENCE CHARACTERISTICS:
171 (A) LENGTH: 6 amino acids
172 (B) TYPE: amino acid
173 (C) STRANDEDNESS: single
174 (D) TOPOLOGY: linear
175
176 (ii) MOLECULE TYPE: peptide
177
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
179
180 Ile Ser Arg Thr Ile Asn
181 1 5
182
183
184 (2) INFORMATION FOR SEQ ID NO:11:
185
186 (i) SEQUENCE CHARACTERISTICS:
187 (A) LENGTH: 7 amino acids
188 (B) TYPE: amino acid
189 (C) STRANDEDNESS: single
190 (D) TOPOLOGY: linear
191
192 (ii) MOLECULE TYPE: peptide
193
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
195
196 Phe Trp Arg Cys Pro Val Gly
197 1 5
198
199
200 (2) INFORMATION FOR SEQ ID NO:12:
201
202 (i) SEQUENCE CHARACTERISTICS:
203 (A) LENGTH: 10 amino acids
204 (B) TYPE: amino acid
205 (C) STRANDEDNESS: single

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206 (D) TOPOLOGY: linear
207
208 (ii) MOLECULE TYPE: peptide
209
210 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
211
212 Pro Ser Leu Ser Ile Gly Leu Ala Ile Tyr
213 1 5 10
214
215
216 (2) INFORMATION FOR SEQ ID NO:13:
217
218 (i) SEQUENCE CHARACTERISTICS:
219 (A) LENGTH: 10 amino acids
220 (B) TYPE: amino acid
221 (C) STRANDEDNESS: single
222 (D) TOPOLOGY: linear
223
224 (ii) MOLECULE TYPE: peptide
225
226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
227
228 Tyr Ser Ser Asn Leu Ile Thr Gln Gly Cys
229 1 5 10
230
231
232 (2) INFORMATION FOR SEQ ID NO:14:
233
234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 7 amino acids
236 (B) TYPE: amino acid
237 (C) STRANDEDNESS: single
238 (D) TOPOLOGY: linear
239
240 (ii) MOLECULE TYPE: peptide
241
242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
243
244 Asn Cys Asp Met Tyr Pro Asp
245 1 5
246
247
248 (2) INFORMATION FOR SEQ ID NO:15:
249
250 (i) SEQUENCE CHARACTERISTICS:

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**SEQUENCE VERIFICATION REPORT
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DATE: 05/12/2000

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Original Text